

Microallocation Policies for Multihomed End Users within the Region Covered by LACNIC

Justification

During LACNIC IV the forum approved the implementation of assigning IP address space larger than a /24 and smaller than a /20 to Multihomed End Users. The Work Group did not reach consensus on some of the requirements that must be met by the applicants, and therefore it was proposed that the Work Group continue working.

This subject was kept on the agenda in order to analyze whether it is necessary or not to establish requirements in addition to those already in existence for obtaining said blocks.

Results of the Work Group on Multihomed End User Microallocations

The additional requirements for IP address microallocation analyzed by this Work Group were the following:

1. Have an Autonomous System Number (ASN)
2. Have a certain volume of IP address space previously assigned by their ISPs

The Group decided that both requirements were independent, and that they should be analyzed and discussed as such.

ASN Requirement

The Work Group evaluated, among the requirements for assigning IP address space in this policy, the requirement of obtaining previously or simultaneously an Autonomous System Number (ASN) that will protect the applicant's multihomed status. Several issues arose in relation to this subject.

- Previously obtaining an ASN will originate applications for this resource that are not based on actual needs.
- The option to use private ASNs may be used.
- It is considered that there is already a policy that covers these needs and it is not necessary to create another policy that will promote applications for this resource.

There is consensus within the Group, and it is reflected in the recommendation presented at LACNIC's Public Forum stating that an ASN should not be required for microallocating IP address space to Multihomed End Users.

Previously Assigned IP Address Space

One of the issues on which no consensus was reached during the Public Forum at LACNIC IV, held in Santiago de Chile, was the need to have a certain volume of IP address blocks in order to qualify for a microallocation in this policy, of at least a /24.

The Work Group discussed this issue, and the following observations were made:

- The requirement of having blocks previously assigned by their providers is consistent with current policies.
- It is also consistent with the spirit of preserving IP address space.

In view of these observations, the Work Group has reached consensus, and recommends that an applicant must have an assignment equivalent to a /25 previously assigned by the Applicant's

Internet Service Providers in order to qualify for the microallocation of IP address space to Multihomed End Users.